CLAIMS

We claim:

1. A model driven portlet development method, comprising:

   providing a set of portlet patterns;

   encoding a portlet by binding values to at least one of the set of portlet patterns;

   binding the portlet to a portal server catalog; and

   creating an instance of the portlet using an instantiator portlet running on a portal

server.

2. The method of claim 1, further comprising selecting a presentation template, wherein

the portlet is arranged according to the presentation portlet.

3. The method of claim 1, wherein the set of portlet patterns comprise display from a file

source, display from a federated data source, submit data and two way interaction.

4. The method of claim 1, further comprising receiving values prior to the encoding step.

5. The method of claim 1, wherein the binding step comprises dynamically binding the

portlet to the portal server catalog.

6. The method of claim 1, wherein the binding step comprises deliberately binding the

portlet to the portal server catalog.

7. The method of claim 1, wherein the portlet is encoded using common portlet markup language.

8. The method of claim 1, wherein the values are populated into a table.

9. The method of claim 1, wherein underlying functions of the portlet are performed by the instantiator portlet.

10. The method of claim 1, further comprising designating a window state for the portlet.

11. A model driven portlet development method, comprising:

    receiving a selection of a presentation template;

    receiving a selection of at least one portlet pattern from a set of portlet patterns;

    receiving values for the at least one portlet pattern;

    encoding a portlet by binding the values to the at least one portlet pattern according to the presentation template;

    binding the portlet to a portal server catalog; and

    creating an instance of the portlet using an instantiator portlet.

12. The method of claim 11, wherein the portlet is encoded using a common portlet markup language.

13. The method of claim 11, further comprising populating a table with the received values.

14. The method of claim 11, wherein the set of portlet patterns comprise display from a file source, display from a federated data source, submit data and two way interaction.

15. The method of claim 11, further comprising inputting values prior to the encoding step.

16. The method of claim 11, wherein the binding step comprises dynamically binding the portlet to the portal server catalog.

17. The method of claim 11, wherein the binding step comprises deliberately binding the portlet to the portal server catalog.

18. The method of claim 11, further comprising designating a window state, prior to the encoding step, wherein the instance of the portlet will have the designated window state.

19. The method of claim 11, wherein the instance is created upon selection of the portlet on a portal page by an end user.

20. A model drive portlet development system, comprising

a portlet configuration system for selecting a presentation template, selecting at least one portlet pattern from a set of portlet patterns, and inputting values for the at least one portlet pattern;

a portlet encoding system for encoding a portlet by binding the values to the at least one portlet pattern according to the presentation template;

a portlet catalog system for binding the portlet to a portal server catalog; and

an instantiator portlet for creating an instance of the portlet upon selection of the portlet on a portal page.

21. The system of claim 20, wherein the portlet configuration system provides a set of interface pages for selecting the presentation template, selecting the at least one portlet pattern, and inputting the values.

22. The system of claim 20, wherein the portlet is encoded using a common portlet markup language.

23. The system of claim 20, wherein the portlet configuration system populates a table with the inputted values.

24. The system of claim 20, wherein the set of portlet patterns comprise display from a file source, display from a federated data source, submit data and two way interaction.

25. The system of claim 20, wherein the portlet is dynamically bound to the portal server catalog.

26. The system of claim 20, wherein the portlet is deliberately bound to the portal server catalog.

27. The system of claim 20, wherein the portlet configuration system is further for designating a window state, wherein the instance of the portlet will have the designated window state.

28. A program product stored on a recordable medium for model driven portlet development, which when executed, comprises:

program code for configuring a portlet, wherein the program code for configuring the portlet provides a set of interface pages to select a presentation template, select at least one portlet pattern from a set of portlet patterns, and input values for the at least one portlet pattern;

program code for encoding a portlet by binding the values to the at least one portlet pattern according to the presentation template;

program code for binding the portlet to a portal server catalog; and

program code for creating an instance of the portlet upon selection of the portlet on a portal page.

29. The program product of claim 28, wherein the portlet is encoded using a common portlet markup language.

30. The program product of claim 28, wherein the program code for configuring populates a table with the inputted values.

31. The program product of claim 28, wherein the set of portlet patterns comprise display from a file source, display from a federated data source, submit data and two way interaction.

32. The program product of claim 28, wherein the portlet is dynamically bound to the portal server catalog.

33. The program product of claim 28, wherein the portlet is deliberately bound to the portal server catalog.

34. The program product of claim 28, wherein the program code for configuring further provides an interface page to designate a window state, wherein the instance of the portlet will have the designated window state.